DIGITAL VIDEO RECORDERS AND IP SOLUTIONS

DVR

Video Server

IP cameras

- Integrated, highly professional solutions
- Management software (DVR-DVS, NVM and NVMS) for flexibility management and easy use

A perfectly integrated range of products (DVR, video servers and IP cameras) for medium and large sized systems. Urmet devices guarantee the best features for working in control rooms with centralised video viewing and recording on a network.
The chosen type of Urmet devices are the best and most innovative for this purpose: the resulting solutions use a single supervision client software for managing and controlling various types of devices (DVR, video server and IP cameras), all mutually compatible.
URMET: running on the network of your thoughts. Integrated professional solutions.

DIGITAL VIDEO RECORDERS

1093/001B

1093/001VB

New Dynamic DVR (no network)

The simplicity and functionality of digital video recording.
The Dynamic DVR is a digital video recorder specifically designed to offer state-of-the-art functions and simple use at an extremely competitive price.
DYNAMIC DVRs allow video recording in continuous, alarm or motion detector mode, with up to 25 fps in total.
The USB 2.0 port allows to rapidly and promptly back-up the information from the hard drive of the device.

1093/001B	**Digital 4-channel video recorder with remote control and USB port** Digital video recorder with MJPEG compression algorithm for recording 4 composite video signals of 25 fpf (total).
1093/001VB	**Digital 4-channel video video balun recorder with remote control and USB port** As for 1093/001B but with RJ45 video-balun type inputs for connecting up to 4 video-balun cameras powered directly by the DVR (up to 80 metres with camera consumption of 400mA max) or local power (up to 300 metres).

MAIN CHARACTERISTICS

	1093/001B	1093/001VB
Composite video inputs	4 BNC	4 RJ45 VIDEO BALUN
Composite video outputs	2 BNC	2 BNC
Viewing	Full screen and multi screen	Full screen and multi screen
Recording speed	25fps total	25fps total
Recording mode	Continuous, motion detector or alarm	Continuous, motion detector or alarm
Live resolution	720x576	720x576
Recording resolution	640x272	640x272
Video compression	Modified MJPEG	Modified MJPEG
Motion detector	●	●
Recording schedule	Daily and weekly	Daily and weekly
Alarm inputs	4	4
Alarm outputs	1 relay	1 relay
USB port	● for backup	● for backup
HDD included	● (extractable drawer)	● (extractable drawer)
On-display menu	●	●
Power	100-240Vac / 12Vdc 3A	100-240Vac / 12Vdc 3A
Dimensions	315x224x52 mm	315x224x52 mm
Remote control	●	●

● Yes.

SYSTEM DVR - DVS

The DVR-DVS System Series range consists of professional devices for video recording and remote and local video surveillance. Based on IP technology (hence the name DVS Digital Video Server), System DVR-DVS use native data transmission networks.
With a H.264 compression algorithm and top-notch professional functions, such as optimised Frame Rate (25 frame per second for each video channel) and Main Stream/Sub Stream functions for optimal use of the available network transmission band, the DVR-DVS System Series range has new functions making it even more versatile.

System functions

Simplified OSD menu

The main DVR-DVS Series System control menu is simplified for easily use also by less expert operators. The basic functions in each menu item are the same as before. Advanced functions have been grouped in a submenu which can be opened by clicking on the "ADVANCED" button.

New Internet Explorer Browser interface

The Browser interface (fully redesigned) is now capable of managing all DVR functions (including setup and video stream management). Useful for users who either do to want or cannot access the NVM Software Client (included in the CD accompanying the product), the new interface now allows recording to the local PC from which operations are controlled (PC recordings are independent from DVR recordings) and playback of recordings stored on either the remote DVR or the local PC.

Mouse

A mouse is included. Connected to the DVR (via USB port), it may be used to manage video stream and program the digital video recorder (essentially the mouse replicates all the functions which can be activated from the DVR front panel). The mouse can also be used to control Easy Dome II cameras (pan and tilt, zoom and preset positions).
Easy installation and flexibility are the two main advantages of mouse use.

Privacy

Scheduled recording deletion. In accordance with specific requirements dictated by privacy codes, the DVR menu now features a new configuration parameter for programming a number of days of life of the recording after which the DVR will start deleting the data by writing over them.
Privacy mask: 4 privacy area can be called up and set for each video channel.

E-mail alarm notification

This function allows to enter one or two e-mail addressed in the DVR menu.
An alarm message (contact or motion) will be sent in case of alarm (if an Internet connection is present). The text will contain information on the physical name assigned ot the DVR, the camera to which the alarm is associated, the alarm type and the date and time of the event.

Automatic DVR-DVS PLAYER saving on CD/DVD or USB key

This function allows to save the Player file directed to DVD (or key) during backup and decode (i.e. display) the recording on a PC without necessarily requiring the presence of a pre-installed SW Client.

Saving/loading DVD parameters to/from USB memory key

This function is used to save/load the entire configuration (installation parameters) of the DVR to/from a USB memory key. In an installation consisting of several DVRs in a single system project (e.g. chain of shops or medium to large systems), you can program one DVR, backup parameters to a USB memory key and load the settings on the other DVRs.

Live camera feed to mobile phone or PDA (SW included)

The "Mobile Video Surveillance" software (included with the product) may be used to display live feed on a mobile phone or PDA from all cameras (one video channel at a time) linked to the connected DVR. The PTZ function may also be used to manage the Easy Dome II panning and tilting from a mobile phone or PDA. The Sub-Stream function provide an excellent ratio between transmitted frames and quality displayed on the mobile phone or PDA.

1093/040** Digital 8-channel video recorder with USB and LAN, Looping, H264 DCIF/CIF compression
- 8 video composite inputs
- 8 video composite loop-through outputs
- 1 video composite / 1 VGA outputs
- 25 fps recording per video channel
- Recording resolution: 528 x 384 DCIF (channels 1 and 5 only), 704 x 288 2CIF (channels 1 and 5 only), 352 x 288 CIF, 176 x 144 QCIF
- 8 alarm inputs, 1 relay alarm output

1093/040 WH** As Ref. 1093/040 but without HD

1093/041** Digital 16-channel video recorder with USB and LAN, audio, H264 DCIF/CIF compression
- 16 video composite / 16 audio inputs
- 1 video composite / 1 VGA / 1 Audio outputs
- 25 fps recording per video channel
- Recording resolution: 528 x 384 DCIF (channels 1, 5, 9 and 13 only) 704 x 288 2CIF (channels 1, 5, 9 and 13 only), 352 x 288 CIF, 176 x 144 QCIF
- 16 alarm inputs, 1 relay alarm output

1093/041 WH** As Ref. 1093/041 but without HD

1093/042** Digital 9-channel video recorder with USB and LAN, audio, H264 CIF compression
- 9 video composite inputs
- 9 video composite loop-through outputs
- 1 video composite / 1 VGA outputs
- 25 fps recording per video channel
- Recording resolution: 352 x 288 CIF, 176 x 144 QCIF
- 9 alarm inputs, 1 relay alarm output

1093/042 WH** As Ref. 1093/042 but without HD

1093/043** Digital 16-channel video recorder with USB and LAN, matrix, H264 CIF compression
- 16 video composite inputs
- 1 composite video output / 1 VGA / 1 Audio / 4 Aux outputs with matrix function
- 25 fps recording per video channel
- Recording resolution: 352 x 288 CIF, 176 x 144 QCIF
- 16 alarm inputs, 1 relay alarm output

1093/043 WH** As Ref. 1093/043 but without HD

1093/045** Digital 16-channel video recorder with USB and LAN, Looping, H264 DCIF compression
- 16 video composite inputs
- 16 video composite loop-through outputs
- 1 video composite / 1 VGA outputs
- 25 fps recording per video channel
- Recording resolution: 528 x 384 DCIF (on all channels)
  704 x 288 2CIF (on all channels)
  352 x 288 CIF, 176 x 144 QCIF
- 16 alarm inputs, 1 relay alarm output

1093/045 WH** As Ref. 1093/045 but without HD

****** Contact the sales network for availability.

COMMON SYSTEM SERIES FEATURES

- Full screen and multi-screen display
- Selectable recording speed
- 25 fps recording per video channel
- Recording mode: continuous, motion detector, programmed or alarm
- Video compression H264
- Motion detector
- Remote recording back-up via TCP/IP
- RJ45 RS485 communication port
- RJ45 RS232 communication port
- RJ45 communication port for control panel interface
- RJ45 communication port for connecting devices in a cascade
- RJ45 10/100M UTP network interface
- Back-up by means of DVD-W and USB 1.1 port
- PLUG & PLAY configuration
- 1 HDD included
- 4 IDE for connecting up to 8 HDD
- Front control panel
- Compatible with Easy Dome (II and III) and Thera
- Client software included
- Simplified on-display screen menu with advanced submenus
- 230Vac power
- 44W max. consumption (without HDD)
- Dimensions 450 (W) x 450 (H) x 95 (D) mm

System-S DVR

The DVR-DVS System Series S (SATA) range consists of professional devices for video recording and remote and local video surveillance. Based on IP technology (hence the name DVS Digital Video Server), System DVR-DVS use native data transmission networks.
With a H.264 compression algorithm and top-notch professional functions, such as optimised Frame Rate (25 frame per second for each video channel) and Main Stream/Sub Stream functions for optimal use of the available network transmission band, the System DVR-DVS range has new functions making it even more versatile with the introduction of a new simplified OSD menu, a new advanced Web interface and the possibility of controlling DVR and Easy Dome II, III and Thera cameras by means of USB mouse (included).

1093/040S	Digital video recorder codec H.264, 8 channels with USB and LAN
1093/040S WH	As Ref. 1093/040S but without HD
1093/041S	Digital video recorder codec H.264, 16 channels with USB and LAN
1093/041S WH	As Ref. 1093/041S but without HD
1093/042S	Digital video recorder codec H.264, 8 channels with USB and LAN
1093/042S WH	As Ref. 1093/042S but without HD
1093/043S	Digital video recorder codec H.264, 16 channels with USB and LAN
1093/043S WH	As Ref. 1093/043S but without HD
1093/045S	Digital video recorder codec H.264, 16 channels DCIF with USB and LAN
1093/045S WH	As Ref. 1093/045S but without HD
1093/046S	Digital video recorder codec H.264, 16 4CIF channels, USB, LAN and integrated DVD-RW
1093/046S WH	As Ref. 1093/046S but without HD

SYSTEM-S TABLE

	1093/040S	1093/041S	1093/042S	1093/043S	1093/045S	1093/046S
Comp. video inputs	8	16	8	16	16	16
Loop-through	-	-	8	16	-	-
Main output	1BNC/1VGA					
Spot output	1 digital BNC		-	4 analog. BNC	1 digital BNC	
Viewing	Fullscreen or multiscreen					
Recording resolution	4CIF/DCIF/2CIF/CIF/QCIF		CIF/QCIF		4CIF/DCIF/2CIF/CIF/QCIF	
Recording speed	6fps (4CIF) 8fps(DCIF) 12fps(2CIF) 25fps(CIF/QCIF)		25fps (CIF/QCIF)		15fps (4CIF) 25fps (DCIF/ 2CIF/CIF/QCIF)	25fps (4CIF/ DCIF/2CIF/ CIF/QCIF)
Recording mode	Manual, continue, motion detector, scheduled or alarmed					
Compr. algorithm	H.264					
Audio compression	OggVorbis 16 Kbps					
Audio inputs	8	16	-	-	16	
Audio outputs	1 main 1 spot	1 main 1 spot	-	-	1 main 1 spot (live and playback)	
Motion detector	●					
Watermark	●					
VoIP	●	●	NO		●	●
Playback digital zoom	2X					
Alarm inputs/outputs	8 In / 4 Out	16 In / 4 Out	8 In / 4 Out	16 In / 4 Out		
Supported protocols	TCP/UDP/RTP/MULTICAST					
Dual-stream function	●		● (not real-time)		●	
Viewing on mobile phone or PDA	●					
Integrated web browser	●					
Integrated DVD-RW	(Optional)					●
Hard disk	1 Hard Disk SATA included (support up to 8 Hard Disks)					1 Hard Disk SATA included (support up to 4 Hard Disks)
USB port	● (back-up on USB stick, USB Hard Disk, USB CD-RW and DVD-RW)					
E-SATA port	●					
PTZ camera control	● (Pelco D)					
On-display menu	●					
Control by means of mouse	●					
System keyboard	● (1092/692)					
IR remote control	●					
Dimensions	440 x 390 x 70 mm					
Power	100-240Vca, 6.3A - Consumption MAX 44W					

● Yes.

R-Evolution -S DVR series

1093/061S	Digital 4-channel video recorder with USB and LAN, audio, H264 CIF compression Manifestly, DVR-DVS means the device was designed to offer the professional functions of a Digital Video Recorder specifically designed for use on a Digital Video Server network. The H.264 compression algorithm makes the new DVR 1093/061S suitable for use in applications in which recording quality, recording time, frame rates and network functions must always be top class. The new DVR 1093/061S is a versatile, effective device for small systems: 4 video inputs, 2 video outputs (1 multi-screen + 1 spot), HD SATA (standard), 25 fps per video channel for recording, USB 2.0 for back-up and accessories (DVD, mouse), standard mouse for advanced management control (including control of PTZ devices with Pelco-D protocol), DVR management/control using client software (included) and/or Browser, Dual Stream function, video channel display on mobile phone or PDA.
1093/061S WH	As Ref. 1093/061S but without HD

R-EVOLUTION-S

	1093/061S
Composite video inputs	4
Main output	1 BNC
Spot output	1 BNC analogue
Audio inputs	1
Audio outputs	1
Viewing	Full screen and multi screen (main) / selectable full screen (SPOT)
Recording speed	25 fps per video channel
Recording resolution	CIF/QCIF
Recording mode	Continuous, Motion detector, Programmed or Alarmed
Compression algorithm	H.264
Audio compression	OggVorbis 16 Kbps
Motion detector	●
VoIP	●
Watermark	●
Digital playback zoom	●
Alarm inputs/outputs	4 inputs / 1 output
Supported protocols	TCP/UDP/RTP/MULTICAST and NTP
Dual-stream function	●
Viewing on mobile phone or PDA	●
Integrated web browser	●
Integrated DVD-RW	-
Hard disk	1 Hard Disk SATA included
USB port	● (for back-up to USB stick, USB Hard Disk, USB CD-RW and DVD-RW)
PTZ camera control	● (Pelco D protocol)
On-display menu	●
Control by means of mouse	●
System keyboard	-
IR remote control	●
Dimensions	315 x 230 x 45 mm
Power	12Vdc (power supply 12Vdc-100~240Vac included) - Consumption 40W max

1093/064

Evolution DVR series

1093/064** Digital video recorder codec H.264, 4 channels with USB and LAN
- 4 video composite inputs
- 4 video composite loop-through outputs
- 1 video composite / 1 VGA outputs
- 4 audio inputs on RCA connectors / 1 audio output on RCA connector
- Recording resolution: 704 x 288 2CIF, 352 x 288 CIF, 176 x 144 QCIF
- Recording: 100 fps total in CIF/QCIF and 64fps total in 2CIF
- 4 alarm inputs, 2 relay alarm outputs

1093/064 WH** As Ref. 1093/064 but without HD

1093/065** Digital video recorder codec H.264, 8 channels with USB and LAN
- 8 video composite inputs
- 8 video composite loop-through outputs
- 1 video composite / 1 VGA outputs
- Recording resolution: 704 x 288 2CIF, 352 x 288 CIF, 176 x 144 QCIF
- Recording: 200 fps total in QCIF, 48fps in CIF and 56fps total in 2CIF
- 8 alarm inputs, 4 relay alarm outputs

1093/065 WH** As Ref. 1093/065 but without HD

1093/066** Digital video recorder codec H.264, 16 channels with USB and LAN
- 16 video composite inputs
- 16 video composite loop-through outputs
- 1 video composite / 1 VGA outputs
- 4 audio inputs on RCA connectors / 1 audio output on RCA connector
- Recording resolution: 704 x 288 (2CIF), 352 x 288 (CIF), 176 x 144 (QCIF)
- Recording: 400 fps total in QCIF, 192fps in CIF and 96fps total in 2CIF
- 16 alarm inputs, 4 relay alarm outputs

1093/066 WH** As Ref. 1093/066 but without HD

COMMON EVOLUTION SERIES FEATURES

- Full screen and multi-screen display
- Selectable recording speed
- Recording mode: manual, continuous, motion detector, programmed or alarm
- Video compression H264
- Alarm detection: motion detector/blinding/video loss
- Alarm notification on network
- Remote recording back-up via TCP/IP
- RJ45 RS485 communication port
- RJ45 RS232 communication port
- RJ45 10/100M UTP network interface
- Network transmission protocols: TCP/UDP/RTP/MULTICAST
- Other network protocols: DHCP, HTTP.
- Back-up by means of CD/DVD-W and USB 1.1 port
- PLUG & PLAY configuration
- 1 HDD included
- 2 IDE for connecting up to 4 HDD
- Front control panel
- Compatible with Easy-Dome II devices
- Simplified on-display screen menu with advanced submenus
- Remote control and USB mouse
- Power: 100-240Vac, 6.3A, 50-60Hz - consumption max. 44W (without HDD)
- Dimensions: 440 (W) x 390 (H) x 70 (D) mm

** Contact the sales network for availability. ● Yes.

Evolution -S DVR series

IP-based, the new Evolution-S range includes 4, 8 and 16 video input devices and employs native network data transmission. Images and supervision functions and available through a local monitor, browser interface or proprietary Client software provided with the DVR for full control of the device. Functions include Motion detector, Privacy Zone, Video Loss. Brilliant video stream transmission via LAN or WAN, use of H.264 compression algorithm (the most innovative and high performing codec for video compression) contribute to enhance the global features of a new DVR range specifically designed for installations in which cost-effectiveness and top-class performances are crucial. The new Evolution-S series implements Dual Steam function for displaying video channels on a mobile phone or PDA.

1093/064S	Digital video recorder codec H.264, 4 channels with USB and LAN
1093/064S WH	As Ref. 1093/064S but without HD
1093/065S	Digital video recorder codec H.264, 8 channels with USB and LAN
1093/065S WH	As Ref. 1093/065S but without HD
1093/066S	Digital video recorder codec H.264, 16 channels with USB and LAN
1093/066S WH	As Ref. 1093/066S but without HD

EVOLUTION-S TABLE

	1093/064S	1093/065S	1093/066S
Composite Video Input	4	8	16
Loopthrough	4	8	16
Main output	1 BNC / 1 VGA		
Spot output	1 analogue BNC		
Audio input	4	-	4
Audio output	1	-	1
Visualization	Full screen and multiscreen (MAIN) / selectable full screen (SPOT)		
Recording resolution.	4CIF/2CIF/DCIF/CIF/QCIF	2CIF/CIF/QCIF	
Recording speed	CIF/QCIF real-time 4CIF/2CIF/DCIF not real time	CIF/QCIF real-time 2CIF not real time	CIF/QCIF real-time 2CIF not real time
Recording mode	Manual/Continue, Motion detector, Scheduled o alarmed		
Compress. algorithm	H.264		
Audio compression	OggVorbis 16 Kbps	-	OggVorbis 16 Kbps
Motion detector	●		
VoIP	●	-	●
Watermark	●		
Zoom digit. playback	●		
Alarm In/out	4 In / 2 Out	8 In / 4 Out	16 In / 4 Out
Supported protocols	TCP/UDP/RTP/MULTICAST and NTP		
Dual-stream function	● (not real time)		
Mobile phone or PDA live view	●		
Web-browser	●		
Embedded DVD burner	●		
Hard disk	1 Hard disk SATA included (expandable up to 2 Hard Disk)		
USB port	● (back-up on USB stick, USB Hard Disk, USB CD-RW e DVD-RW)		
E-SATA port	●		
PTZ control.	● (Pelco D)		
OSD	●		
Mouse	●		
Dedicated keyboard	-		
IR remote controller	●		
Dimensions	440 x 390 x 70 mm		
Power	230Vca		

● Yes.